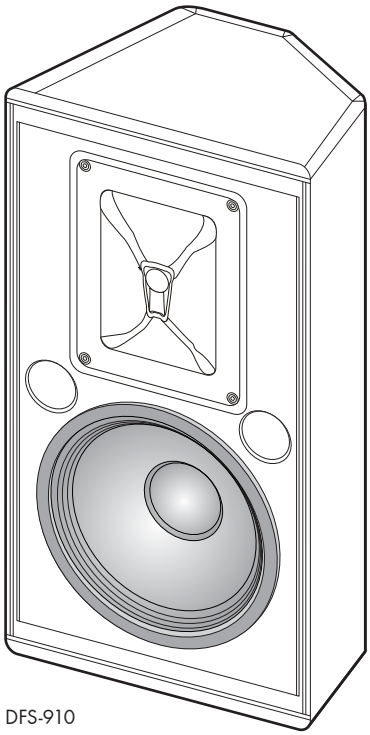
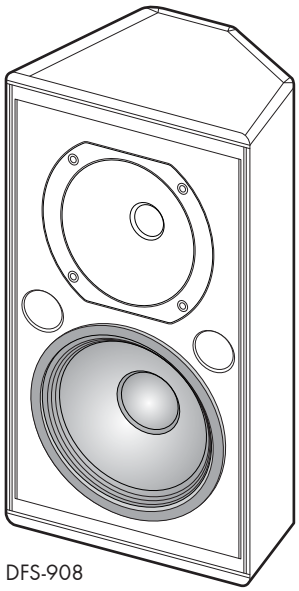
Better Music Builder®.com

Passionate about Music

Better Music Builder® is a leader in the Audio and Karaoke equipment industry. We are committed to offering you high quality audio products. Unlike any others brand, we deliver the best cost and value to you directly. For the latest update information including operation manuals, installation instructions, hook-up diagram and other new technologies updates etc. please visit us at our website www.BetterMusicBuilder.com.



DFS-910



DFS-908

OWNER'S MANUAL

DYNAMIC FUSION SERIES

High Definition Sound PRO-Line

Dynamic Fusion Series is a high-end live sound system designed by the engineering team of Better Music Builder. This high-end series give you live music experience, high power output and superior sound quality.

HD Sound
High Definition Sound

2-Way High Frequency

SUPERIOR GRADE

DFS-908 8-inch WOOFER

DFS-910 10-inch WOOFER

Thank you for purchasing this unit. To make full and effective use of this unit, please read this Owner's Manual carefully before operating it. Please retain this manual for future reference.

www.BetterMusicBuilder.com

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INTRODUCTION

Dynamic Fusion Series are a new line of high performance speakers introduced by Better Music Builder using Dynamic Fusion Technology™ (DFT). The series consist of the following models: DFS-206, DFS-306, DFS-908, DFS-910, DFS-912, DFS-915, DFS-112 SUB 2.1 and DFS-115 SUB 2.1.

Dynamic Fusion Series are high performance speakers developed with the latest computer stimulation design technology and manufacturing technology. Utilizing unique LF extension technology, it performs with precise clarity and reliability. The LF unit is manufactured with waterproof non-linear fabric paper cone. The HF unit is manufactured with high temperature treated magnalium diaphragm, voice coil with copper cladding aluminum wire and compression cavity designed with linear phase technology. Magnetic circuit of tweeter generates high magnetic energy, low distortion and excellent ventilation function and high strength plywood absorbs the sympathy of noise for higher performance.

Following the popularity of the elegant design of CS-812 G2, the DFS-908 and DFS-910 outfit themselves with a black and smooth MDF glossy layered finish. The material is utilized based on the theory that softer wood provides smoother and clearer sound, like a grand piano. It's a perfect combination of design and sound.

The compact design of High Definition Speaker DFS-908 and DFS-910 can be easily mounted onto wall, ceiling and underneath the balcony. The versatility of these speakers and their attractive design are perfect for trendy spots such as karaoke bars, sports bars and night clubs.

The Dynamic Fusion Series are each sold separately to your own customizable needs. Please visit our website www.bettermusicbuilder.com to learn more about our Dynamic Fusion Series and other products.

DFS-908 PACKAGE INCLUDES THE FOLLOW:

- Speaker: 1 pc
- Instructional Manual: 1 pc
- Warranty & Registration Card: 1 pc

DFS-910 PACKAGE INCLUDES THE FOLLOW:

- Speaker: 1 pc
- Instructional Manual: 1 pc
- Warranty & Registration Card: 1 pc

SYSTEM FEATURES

2-WAY FULL RANGE SPEAKER DFS-908

- 2-Way full range piano wood speaker
- 1 x 8" professional woofer
- 1 x 1" compression driver with PEI diaphragm
- Dynamic Fusion Technology™ (DFT)
- High SPL and sensitivity
- 140° x 140° wide angle coverage pattern
- Frequency response 85Hz~19kHz
- Sensitivity 93dB
- Computer stimulation design technology ensures good frequency response and excellent phase feature
- Independent crossover circuit provides low distortion and interferer
- Suitable for all kind of rock bar, entertainment bar, night club, all kinds of living performance and portability
- Flexible and easy-to install configurations (wall, ceiling, under balcony)

DYNAMIC FUSION SERIES

High Definition Sound PRO-Line

2-WAY FULL RANGE SPEAKER DFS-910

- 2-Way full range piano wood speaker
- 1 x 10" professional woofer
- 1 x compression driver with 1.7" titanium diaphragm
- Dynamic Fusion Technology™ (DFT)
- High SPL and sensitivity
- 55~100° x 55° width direction to get m ore widely enlarge capability
- Frequency response 70Hz~20kHz
- Sensitivity 94dB
- Computer stimulation design technology ensures good frequency response and excellent phase feature
- Independent crossover circuit provides low distortion and interferer
- Suitable for all kind of rock bar, entertainment bar, night club, all kinds of living performance and portability
- Flexible and easy-to install configurations (wall, ceiling, under balcony)

SAFETY INSTRUCTIONS

We will not notify you any errors or changes in this manual in advance. If there are any errors and changes in this manual, we will make the corrections in a timely manner. The corrections and changes will be appeared in our website. Therefore, please visit our website at BetterMusicBuilder.com frequently to find out the most updated information, corrections on errors and changes in this manual. You may also contact us at toll free at 1-800-318-2218.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED PERSONNEL

CAUTIONS FOR INSTALLATION

POWER SUPPLY / POWER CORD

- Only use the voltage specified as correct for the device. The required voltage is printed on the name plate of the device.
- Use only the included power cord.
- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Remove the electric plug from the outlet when the device is not to be used for extended periods of time, or during electrical storms.
- When removing the electric plug from the device or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.

DO NOT OPEN

- Do not open the device or attempt to disassemble the internal parts or modify them in any way. The device contains no user-serviceable parts. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Better Music Builder service personnel.

WATER WARNING

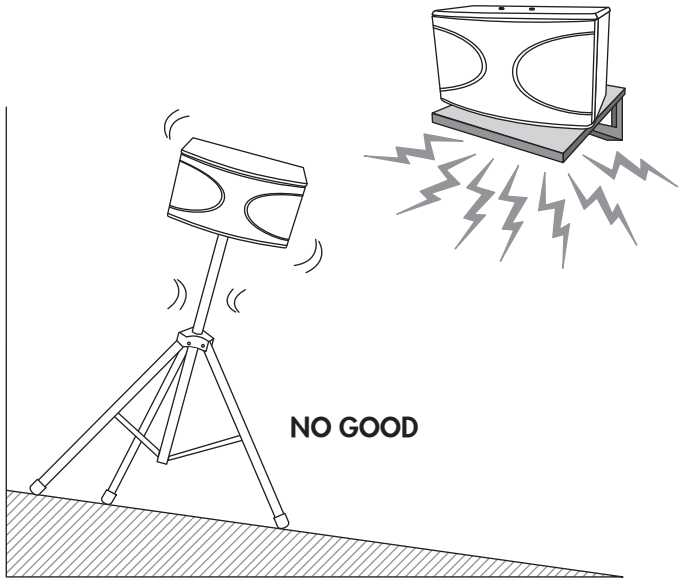
- Do not expose the device to rain, use it near water or in damp or wet conditions, or place containers on it containing liquids which might spill into an openings.
- Never insert or remove an electric plug with wet hands.

ABNORMALITY

- If the power cord or plug becomes frayed or damaged, or if there is a sudden loss of sound during use of the device, or if any unusual smells or smoke should appear to be caused by it, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the device inspected by qualified Better Music Builder service personnel.
- If this device should be dropped or damaged, immediately turn off the power switch, disconnect the electric plug from the outlet, and have the device inspected by qualified Better Music Builder service personnel.

LOCATION

- Always consult qualified Better Music Builder service personnel if the device installation requires construction work, and make sure to observe the following precautions.
- Choose mounting hardware and an installation location that can support the weight of the device.
- Avoid locations that are exposed to constant vibration.



- Inspect the device periodically.
- When transporting or moving the device, always use two or more person. Attempting to lift the device by yourself may damage your back, result in other injury, or cause damage to the device itself.
- Before moving the device, remove all connected cables.
- Do not use the device in a confined, poorly-ventilated location. If this device is to be used in a small space other than an EIA-standard rack, make sure that there is adequate space between the device and surrounding walls or other devices; at least 30cm at the sides, 30cm behind and 30cm above. Inadequate ventilation can result in overheating, possibly causing damage to the device(s), or even fire.

- Do not use the speaker's handles for suspended installation. Doing so can result in damage or injury.
- Do no expose the device to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration or damage to the internal components.
- Do not place the device in an unstable position where it might accidentally fall over.

CONNECTIONS

- Before connecting the device to other devices, turn of the power for all devices. Before turning the power on or off for all devices, set all volume levels to minimum.

CAUTION

- When turning on the AC power in your audio system, always turn on the device LAST, to avoid speaker damage. When turning the power off, the device should be turned off FIRST for the same reason.
- Do not insert your fingers or hands in any gaps or openings on the device (ports, etc.).
- Avoid inserting or dropping foreign objects (paper, plastic, metal, etc.) into any gaps or openings on the device (ports, etc.). If this happens, turn off the power immediately and unplug the power cord from the AC outlet. Then have the device inspected by qualified Better Music Builder service personnel.
- Do not use the device for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.
- Do not operate the device if the sound is distorting. Prolonged use in this condition could cause overheating and result in fire.
- Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors.

GETTING STARTED

WIRING

IMPORTANT: Make sure all equipment is turned off before making any connections.

For speaker connections, use a high-quality speaker wire with polarity coding. The side of the wire with a ridge or other coding is usually considered positive polarity

NOTE ▸ If desired, consult Better Music Builder technical support for speaker wire and connection options.

The speakers have coded terminals that accept a variety or wire connectors.

To ensure proper polarity, connect each + terminal on the back of the amplifier or receiver to the respective + (red) terminal on each speaker. Connect the – (black) terminals in a similar way. See the owner's guides that were included with your amplifier, receiver and television to confirm connection procedures.

IMPORTANT: Do not reverse polarities (i.e., + to – or – to +) when making connections. Doing so will cause poor imaging and diminished bass response.

ADJUSTING

Check the speakers for playback, first by setting the system volume control to a minimum level, and then by applying power to your audio system. Play a favorite music or video segment and increase the system volume control to a comfortable level.

NOTE ▸ You should hear balanced audio reproduction across the entire frequency spectrum. If not, check all wiring connections or consult the authorized dealer from whom you purchased the system for more help.

The amount of bass you hear and the stereo-image quality will be affected by a number of different factors, including the room's size and shape, the construction materials used to build the room, the listener's position relative to the speakers, and the position of the speakers in the room.

Listen to a variety of music selections and note the bass level. If there is too much bass, move the speakers away from nearby walls. Conversely, if you place the speakers closer to the walls, there will be more bass output.

CARING

Each enclosure has a finish that does not require any routine maintenance. When needed, use a soft cloth to remove any fingerprints or dust from the enclosure or grille.

Dynamic Fusion Technology™ (DFT)

The Better Music Builder engineers have been working hard on brining home entertainment to the next level, the experience that people have been dreaming about but never had before such as real excitement, freestyle performing, and intensive hearing are included all in one system. To meet audience's expectation, our engineers understand the need to research and develop the latest technologies. For this reason, Better Music Builder step developed the Dynamic Fusion Technology™ (DFT).

DFT practices the latest computer stimulation technology to design smaller size circuit with better distortion minimization function. The T share horn is specially designed to facilitate the composition of array. The woofer uses a 75mm diameter high-power voice coil with round copper wire, and the layer is 2 way around the inside and outside. The voice coil frame material with very high levels of TIL provides excellent strength and high power capacity, which can boost the speaker power up to 400W, and the short-term maximum power can reach up to 1600W. The tweeter with magnalium diaphragm is made by high-temperature heat treatment process to maximize damping strength and to reduce proportion of 3rd harmonic distortion to create more natural, delicate and nice sound.

DFT is a unique design that integrates in the drivers to enhance several critical performance parameters: frequency response, power output, and distortion.

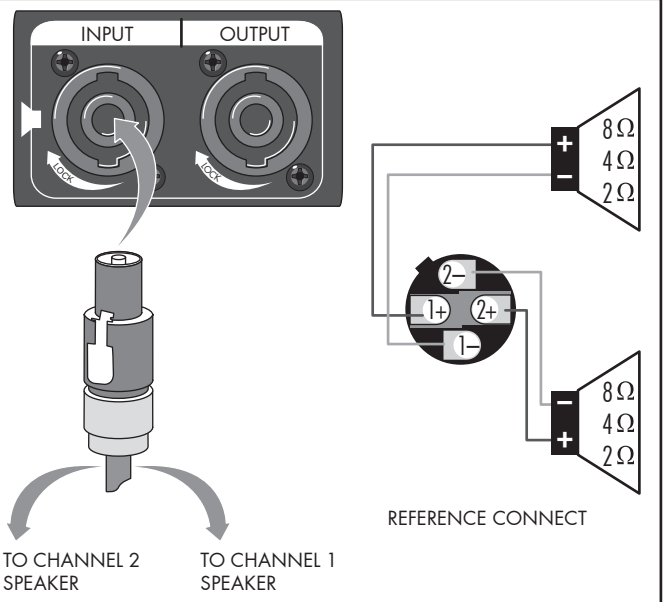
By implementing DFT, engineers understand that the shape of the pole piece that can affect the magnetic interaction between the voice coil and the magnetic field, and is sometimes used to modify a driver's behavior. A "shorting ring", or Faraday loop, may be included as a thin copper cap fitted over the pole tip or as a heavy ring situated within the magnet-pole cavity. The benefits are to reduce impedance at high frequencies, providing extended treble output, reduced harmonic distortion, and a reduction in the inductance modulation that typically accompanies large voice coil excursions. On the other hand, the copper cap requires a wider voice-coil gap, with increased magnetic reluctance; this reduces available flux, requiring a slightly larger magnet for equivalent performance.

The wire in the voice coil is made of copper, and its cross section is hexagonal, giving varying amounts of wire volume coverage in the magnetic gap space. The coil is oriented co-axially inside the gap; it moves back and forth within a small circular volume (a hole, slot, or groove) in the magnetic structure. The gap establishes a concentrated magnetic field between the two poles of a permanent magnet; the outside of the gap being one pole, and the center post (called the pole piece) being the other. The pole piece and back plate are often a single piece, called the pole plate or yoke.

DFT's Dynamic Transition Waveguides™ (DTWaveguides) represents the latest horn technology. In addition to providing smooth, low distortion sound, DTWaveguides delivers uniform off-axis frequency response to every point within the intended coverage area – not just in the horizontal and vertical planes – resulting in superior array – ability of multiple loudspeaker systems. PTWaveguides combine outstanding pattern control with undistorted sound for natural music and intelligible speech.

SYSTEM APPLICATIONS

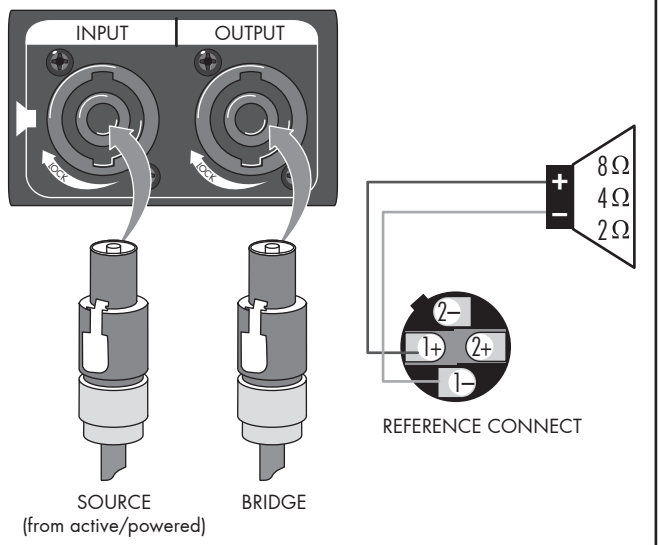
SPEAKON Y CONNECTORS



Speakon Outputs

The upper Speakon jack has both Channel 1 and Channel 2 outputs, so it is especially useful for parallel, bi-amp, or BRIDGE mono operation. The other Speakon carries only Channel 2's output. See the illustrations at above.

SPEAKON CONNECTORS

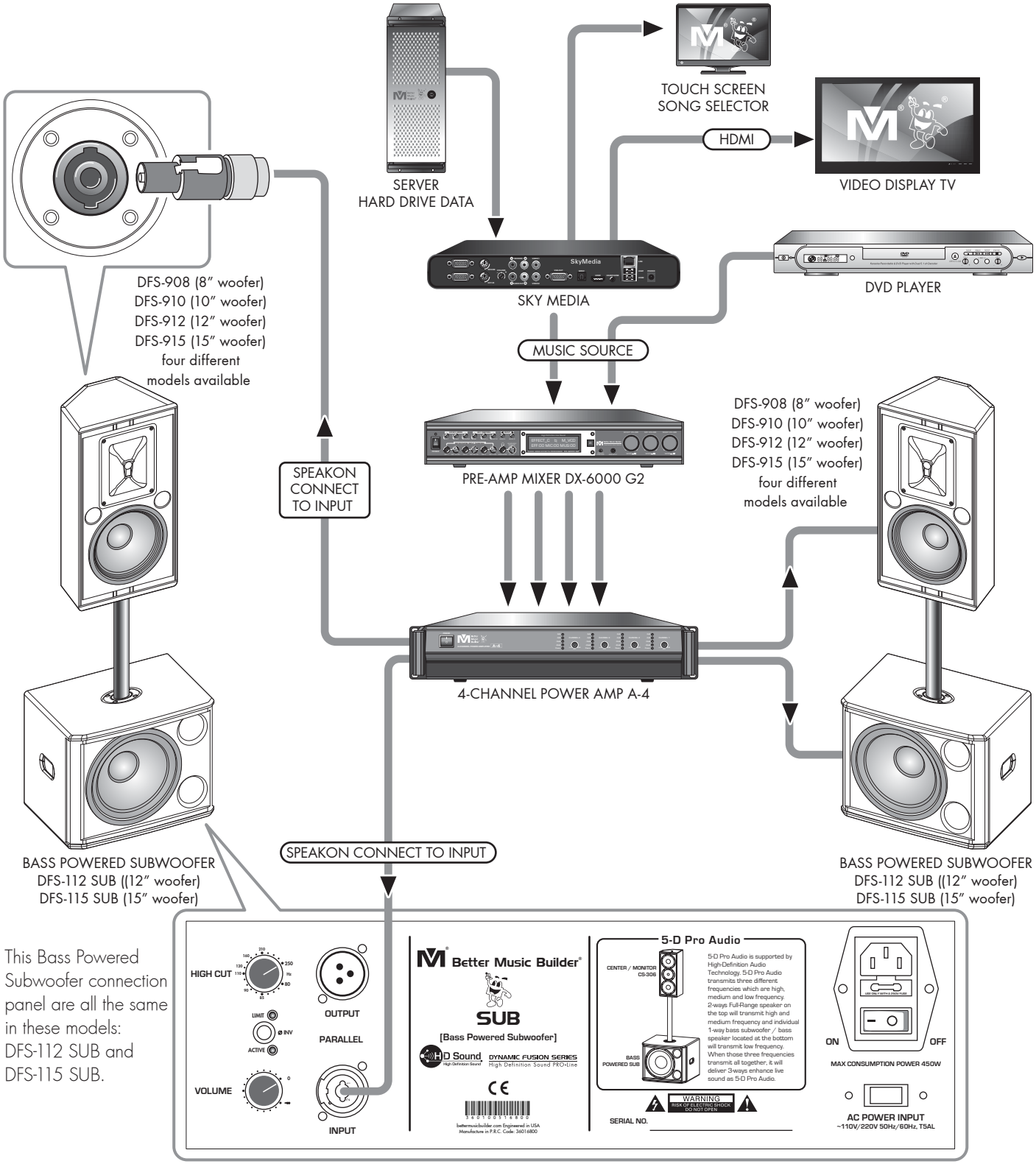


Source (INPUT) comes from the output source of the active/powered speaker while the bridge (OUTPUT) connects to the passive/non-powered speaker.

NOTE A speakon cable is required to connect the "OUTPUT" of the acive/powered speaker to the "INPUT" of the passive/non-powered speaker. Please order the speakon cable from our authorized dealers.

DYNAMIC FUSION SYSTEM FUNCTIONING

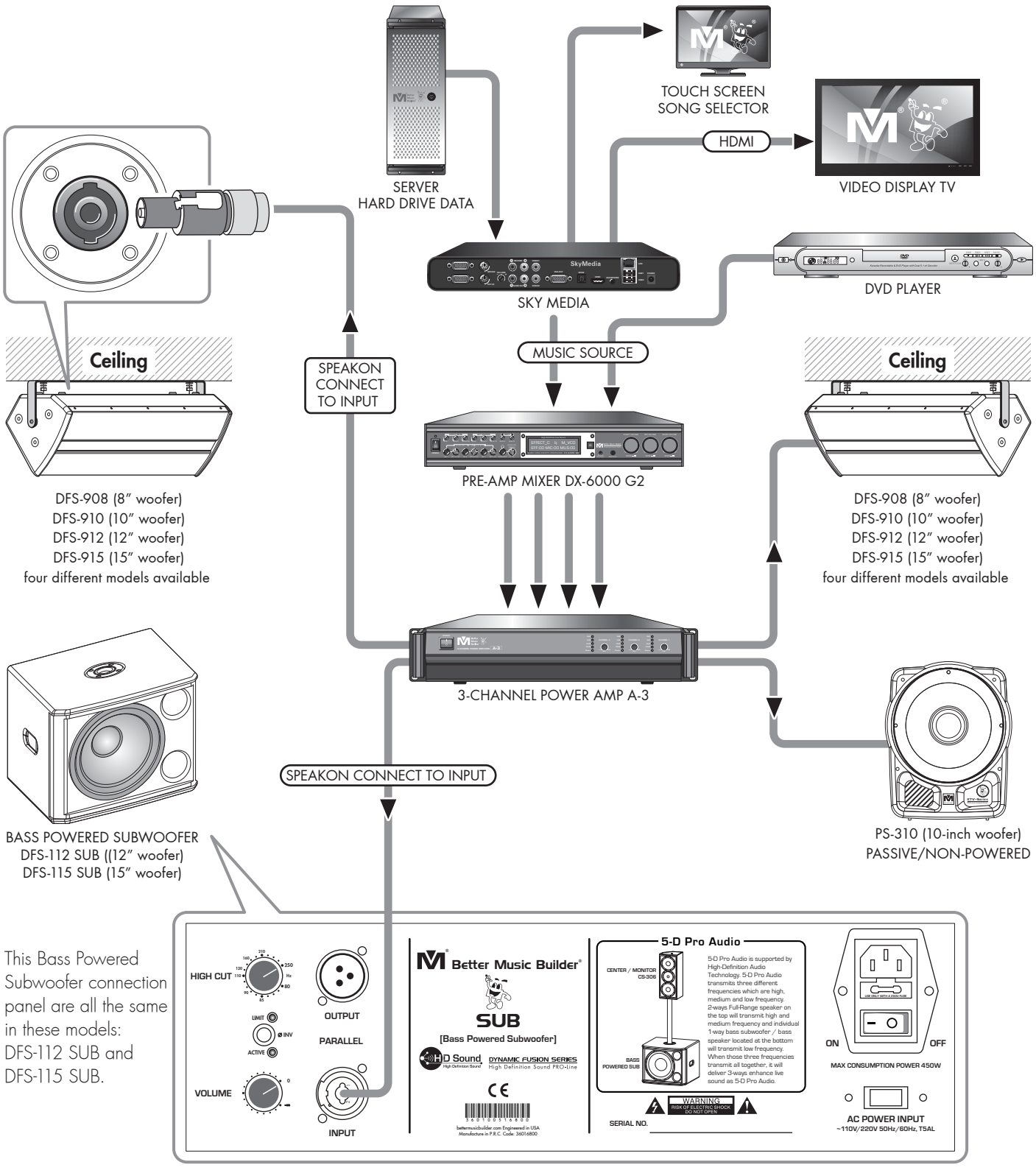
Dynamic Fusion Series are a new line of high performance speakers introduced by Better Music Builder using Dynamic Fusion Technology™ (DFT). The series consist of the following models: DFS-908 (8-inch), DFS-910 (10-inch), DFS-912 (12-inch) and DFS-915 (15-inch). Dynamic Fusion Series are high performance speakers developed with the latest technology and perform with precise clarity and reliability. The versatility of these speakers and their attractive design are perfect for trendy spots such as karaoke bars, sports bars and night clubs. Because of their compact design, they can be easily mounted onto wall, ceiling and underneath the balcony.



This Bass Powered Subwoofer connection panel are all the same in these models: DFS-112 SUB and DFS-115 SUB.

HIGH-END KARAOKE LIVE-SOUND SPEAKERS

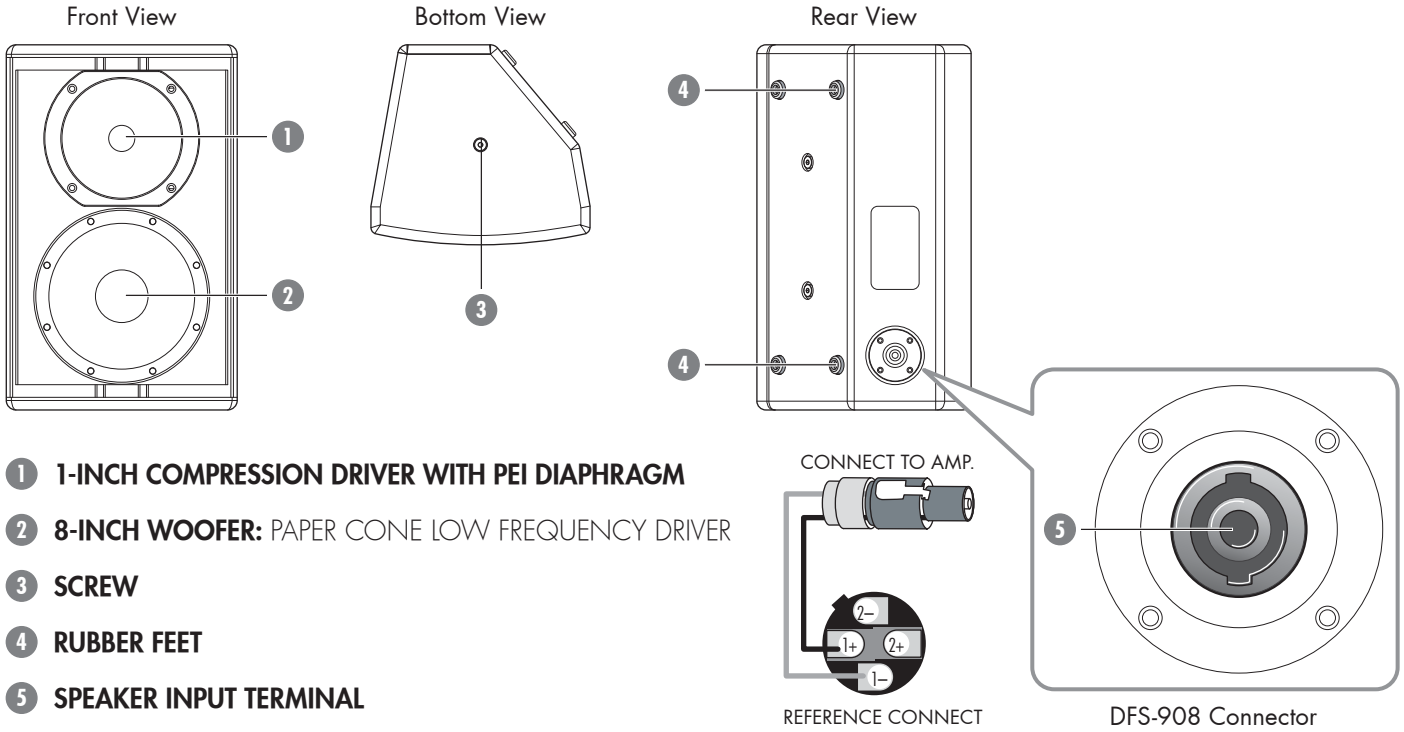
Dynamic Fusion Series are a new line of high performance speakers introduced by Better Music Builder using Dynamic Fusion Technology™ (DFT). The series consist of the following models: DFS-908 (8-inch), DFS-910 (10-inch), DFS-912 (12-inch) and DFS-915 (15-inch). Dynamic Fusion Series are high performance speakers developed with the latest technology and perform with precise clarity and reliability. The versatility of these speakers and their attractive design are perfect for trendy spots such as karaoke bars, sports bars and night clubs. Because of their compact design, they can be easily mounted onto wall, ceiling and underneath the balcony.



This Bass Powered Subwoofer connection panel are all the same in these models: DFS-112 SUB and DFS-115 SUB.

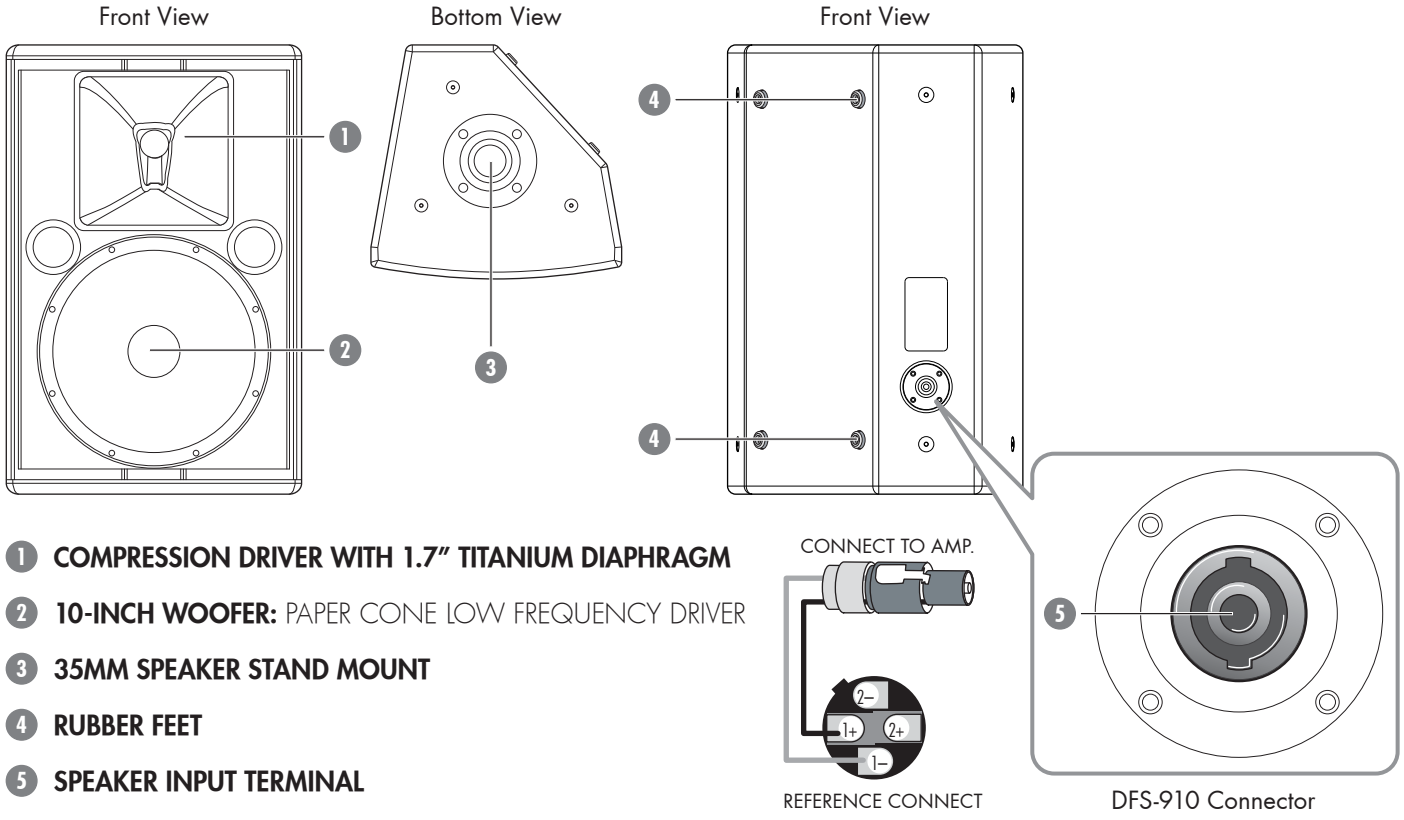
CONTROLS AND FUNCTIONS

FRONT & REAR PANEL: features are available for model DFS-908



1. **1-INCH COMPRESSION DRIVER WITH PEI DIAPHRAGM**
2. **8-INCH WOOFER:** PAPER CONE LOW FREQUENCY DRIVER
3. **SCREW**
4. **RUBBER FEET**
5. **SPEAKER INPUT TERMINAL**

FRONT & REAR PANEL: features are available for model DFS-910



1. **COMPRESSION DRIVER WITH 1.7" TITANIUM DIAPHRAGM**
2. **10-INCH WOOFER:** PAPER CONE LOW FREQUENCY DRIVER
3. **35MM SPEAKER STAND MOUNT**
4. **RUBBER FEET**
5. **SPEAKER INPUT TERMINAL**

SYSTEM SETUP GUIDELINES: INSTALLATION SETUP for MODEL DFS-908

1. MOUNTING THE SPEAKER TO THE CEILING

STEP 1: Hold the speaker bracket under the ceiling, then put two screws to fasten the bracket into the ceiling.

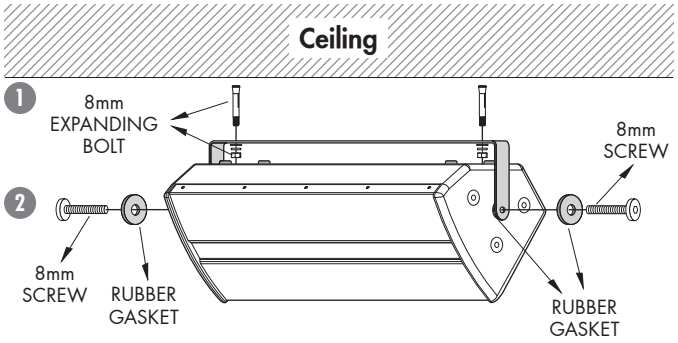
STEP 2: Unscrew the two allen screws found on the center of both the speaker sides. Place a rubber gasket for the sound quality, and screw the speakers back into the brackets as shown in the diagram below.

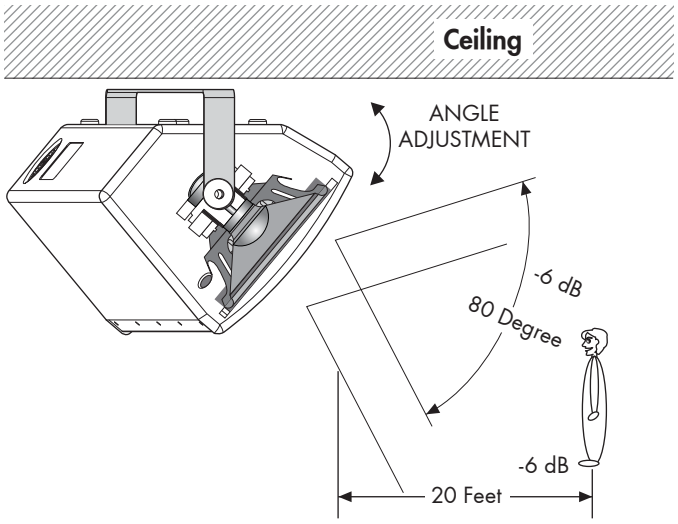
Adjust the speaker up and down for rotation at different angles to achieve the best sound effect.

NOTE The structure of the ceiling must be strong enough to hold at least 50 pounds.

NOTE When installing the speakers to the brackets you must insert a rubber gasket to protect speaker sound quality.

NOTE The U bracket is included in the package but screws and rubber gaskets are not included.





NOTE We recommend that the speakers be tiled at an angle, so that it aims at audience's ear level in order to achieve the best accoustic quality.

2. MOUNTING THE SPEAKER TO THE WALL

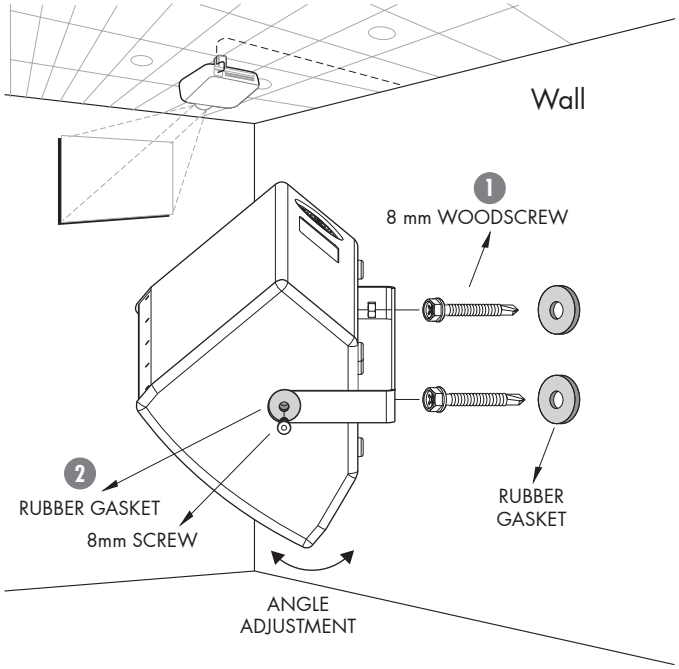
STEP 1: Hold the speaker bracket on the wall, then put two screws to fasten the bracket into the wall.

STEP 2: Unscrew the two allen screws found on the center of both the speaker sides. Place a rubber gasket for the sound quality, and screw the speakers back into the brackets as shown in the diagram below.

Adjust the speaker up and down for rotation at different angles to achieve the maximum sound effect.

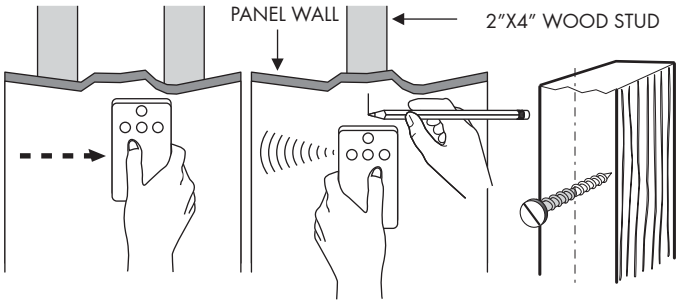
NOTE The structure of the wall must be strong enough to hold up to 100 pounds.

NOTE When installing the speakers to the brackets you must insert a rubber gasket to protect speaker sound quality.



Mounting to Solid Wood or Wood Studs

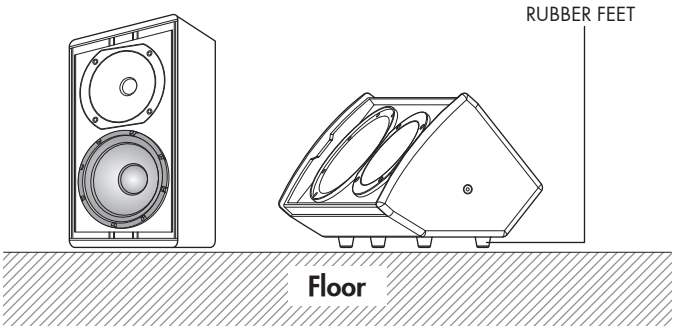
In North America, most of the houses have 2"x4" wood studs inside the panel walls. You may use stud finder to locate the wood studs. Then, you can drive the screw into the wood stud to mount the speaker bracket and hold it firmly.



3. PLACING THE SPEAKER ON THE FLOOR TO MONITOR SINGING

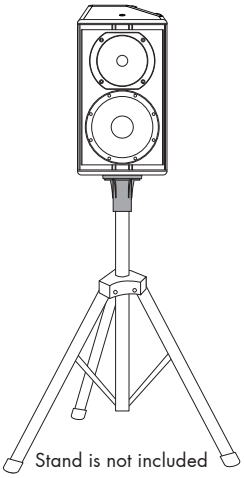
This speaker can be placed on the floor to perform the vocal monitoring function for live singing experience. It can also be used for business conference, coffee shop and church, etc.

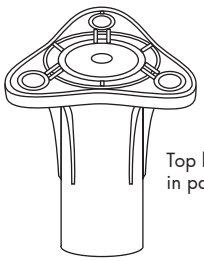
NOTE When you use this speaker for the center or "monitor" the manufacturers has 4 plastic washers screws on the back of the speakers to prevent extreme shaking from recoil. You may use the speaker bracket to tightly install to the floor/ground, this will hold the speaker in place even with extremely loud music.



4. PLACING THE SPEAKERS ON THE PORTABLE STAND

The speakers can be mounted on to the optional portable stand, (see figure below). Make sure that the mounting system (hardware, stand, etc.) is capable of supporting four times the weight (approximately 25 lbs per speaker) of the speakers. Part Number: AMS001B (Optional).





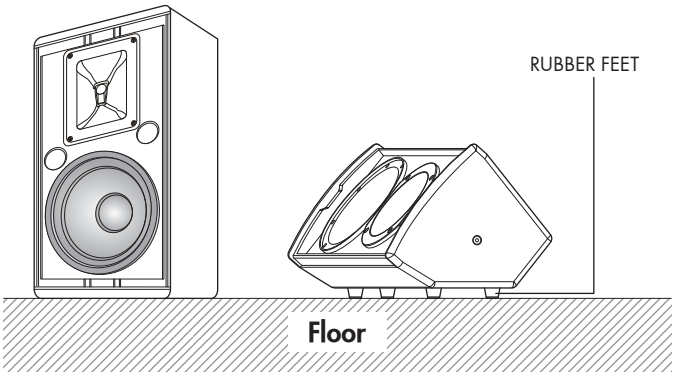
NOTE If you would like to insert a speaker stand please remove three allen screws (screw size 8mm) which are in a triangular corner. Then insert the speaker top holder carefully to avoid scraping.

INSTALLATION SETUP for MODEL DFS-910

1. PLACING THE SPEAKER ON THE FLOOR TO MONITOR SINGING

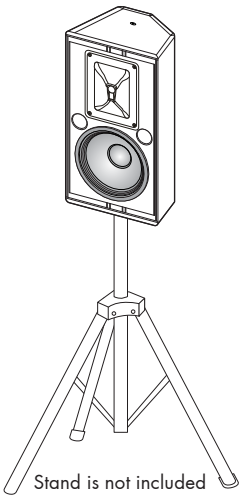
This speaker can be placed on the floor to perform the vocal monitoring function for live singing experience. It can also be used for business conference, coffee shop and church, etc.

NOTE When you use this speaker for the center or "monitor" the manufacturers has 4 plastic washers screws on the back of the speakers to prevent extreme shaking from recoil. You may use the speaker bracket to tightly install to the floor/ground, this will hold the speaker in place even with extremely loud music.



2. PLACING THE SPEAKERS ON THE PORTABLE STAND

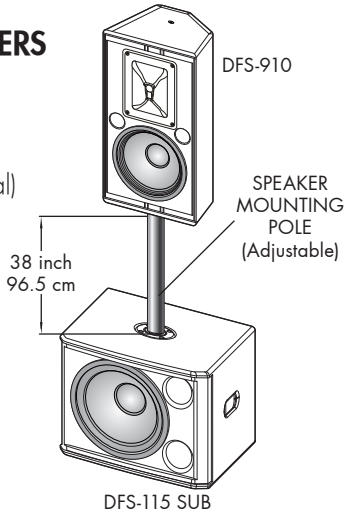
The speakers can be mounted on to the optional portable stand, (see figure below). Make sure that the mounting system (hardware, stand, etc.) is capable of supporting four times the weight (approximately 25 lbs per speaker) of the speakers. Part Number: AMS001B (Optional).



3. PLACING THE SPEAKERS ON THE SPEAKER MOUNTING POLE (Adjustable)

Part Number: AM91 (Optional)

NOTE The speaker mounting pole as indicated in the diagram is not included with any of our speaker models. You may order it directly from our authorized dealers near you.



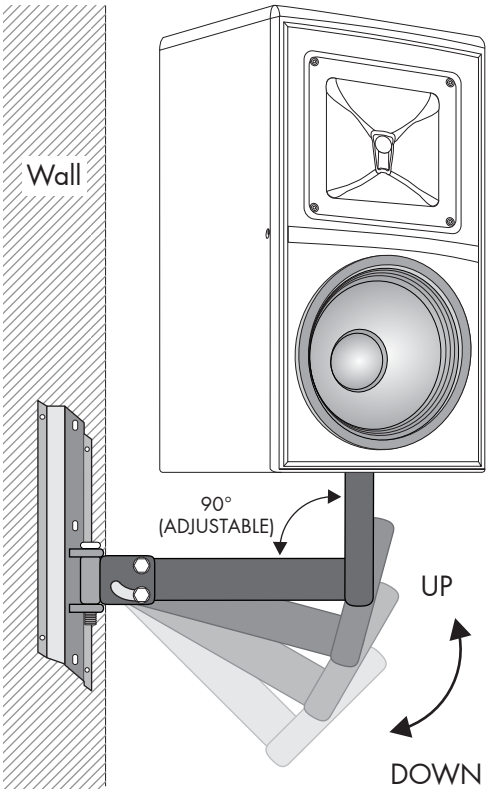
4. MOUNTING THE SPEAKER TO THE WALL

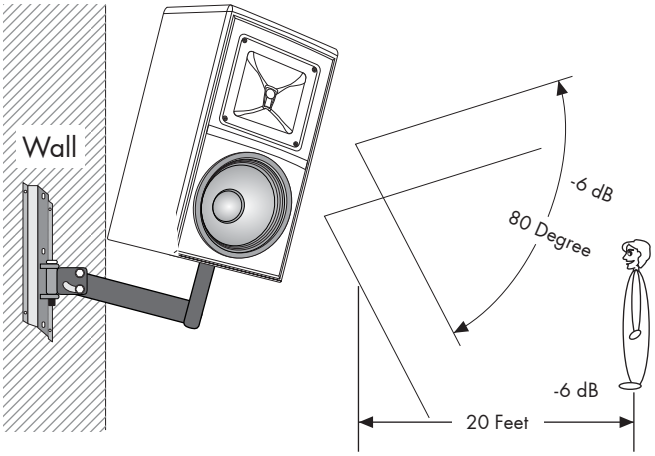
STEP 1: Place the wall mount panel on the wall and put three or more screws to fasten it.

STEP 2: Then, put the speaker firmly onto the mount.

Adjust the speaker up and down for rotation at different angles to achieve the maximum sound effect.

NOTE The structure of the wall must be strong enough to hold up to 100 pounds.

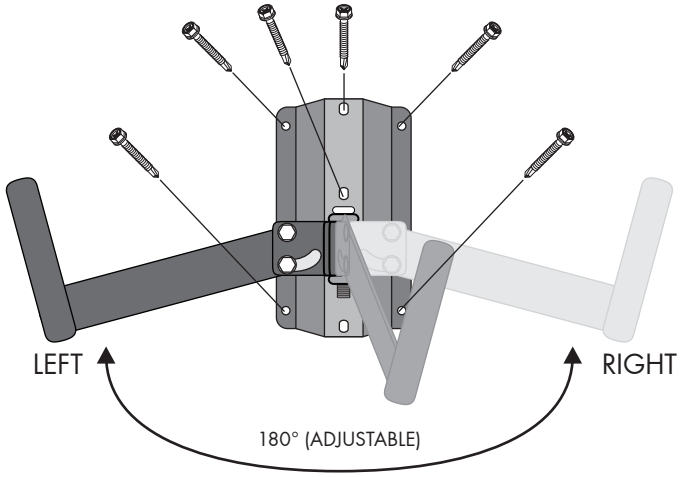




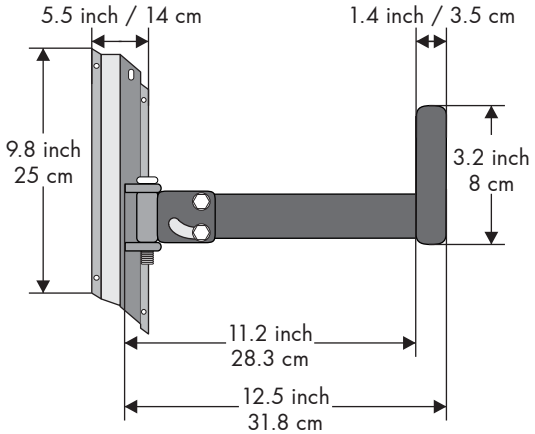
NOTE We recommend that the speakers be tiled at an angle, so that it aims at audience's ear level in order to achieve the best accoustic quality.

How to Adjust the Wall Mount (SL-001)

Adjust the wall mount left/right at 180 degree and up/down at 90 degree for rotation at different angles to achieve the best sound effect. Once you have set up the right position, then you can use the screw to tight it up. Part Number: SL-001 (Optional) for wall mount.

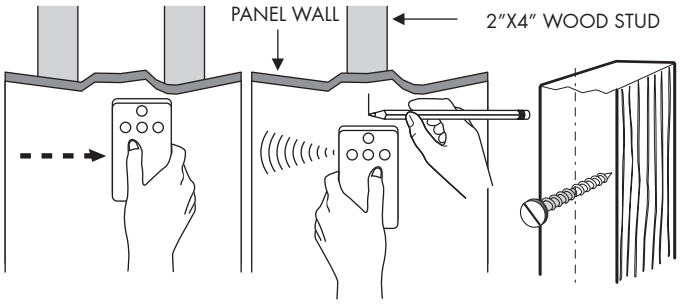


Dimensions: Wall Mount (SL-001)



Mounting to Solid Wood or Wood Studs

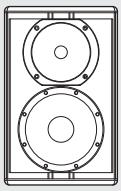
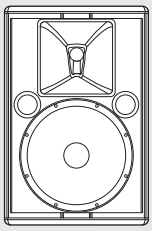
In North America, most of the houses have 2"x4" wood studs inside the panel walls. You may use stud finder to locate the wood studs. Then, you can drive the screw into the wood stud to mount the speaker bracket and hold it firmly.



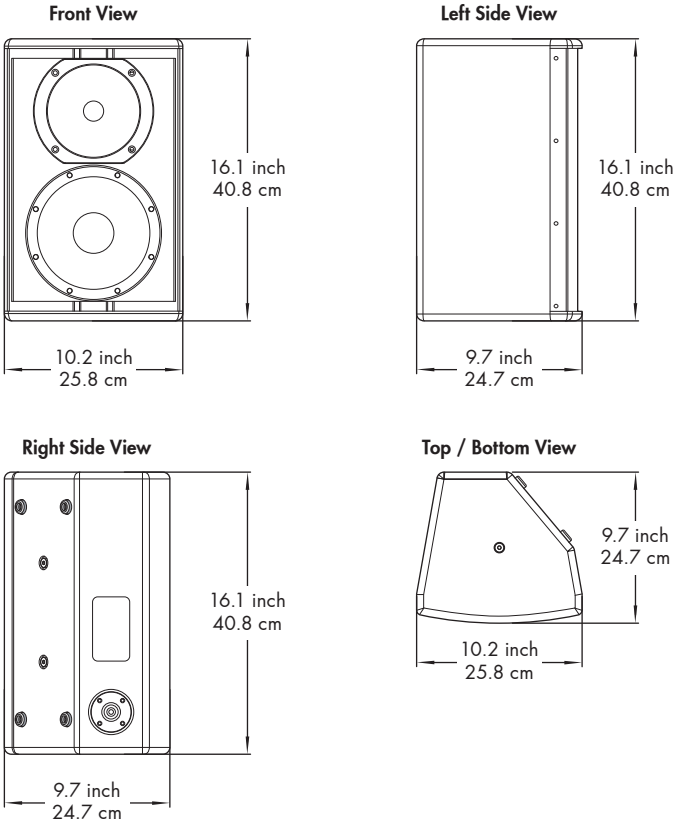
PHYSICAL DIMENSIONS

	2-WAY FULL RANGE PRO SPEAKER	
MODEL	**DFS-908**	**DFS-910**
NET WEIGHT	19.4 Lbs / 8 Kg (each)	37.8 Lbs / 17.1 Kg (each)
SHIPPING WEIGHT	22.5 Lbs / 10.2 Kg (each)	44 Lbs / 20 Kg (each)
DIMENSIONS (WXHXD)	10.2x16.1x9.7 in 25.8x40.8x24.7 cm	13x19.8x12.1 in 33x50.2x30.8 cm
PACKING DIMENSIONS (WXHXD)	13.4x19.3x13 in 34x49x33 cm (each)	16.9x24.5x16.1 in 43x62.2x40.8 cm (each)

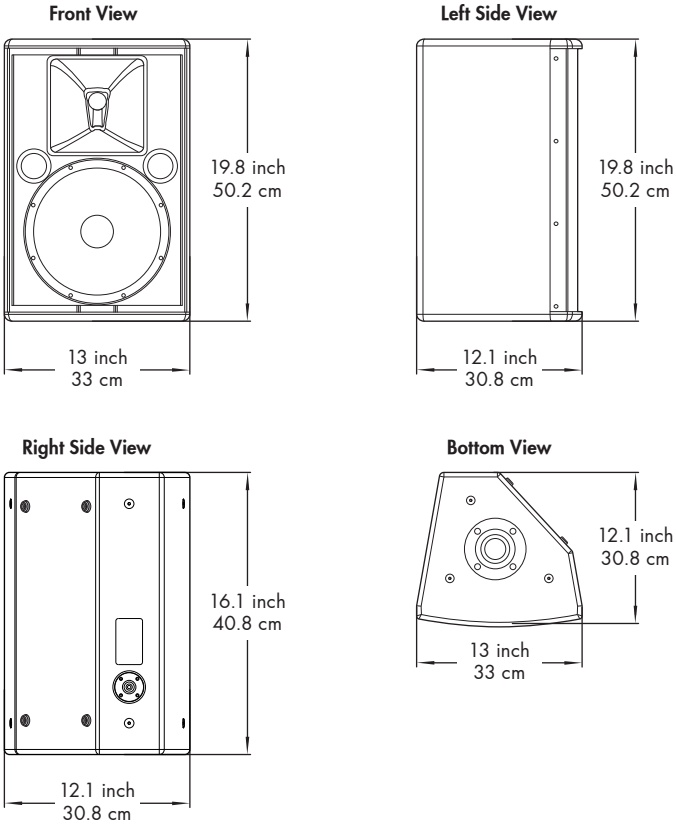
SPECIFICATIONS

	2-WAY FULL RANGE PRO SPEAKER	
MODEL	 **DFS-908**	 **DFS-910**
TYPE	Front	Front
POWER RATING	100 Watts	200 Watts
CABINET TYPE	Piano Wood	Piano Wood
SUPPORTED FIXTURE	Ceiling Mount, Wall Mount, Floor Stand	Ceiling Mount, Wall Mount, Floor Stand
WOOFER [LF]	8" (1 unit)	10" (1 unit)
"SPOT" RANGE	1" Compression Driver with PEI Diaphragm	compression driver with 1.7" titanium diaphragm
RATED IMPEDANCE	8 ohm	8 ohm
FREQUENCY RESPONSE	85Hz ~ 19kHz (-3dB)	70Hz ~ 20kHz (-3dB)
SENSITIVITY	93 dB (1m/1W)	94 dB (1m/1W)
CROSSOVER FREQUENCY	1.5 kHz	1.8 kHz
DISPERSION	140° x 140° (HxV)	55~100° x 50° (HxV)
DC IMPEDANCE	6.2 Ohm	5.6 Ohm
THD	<3%	<3%
INPUT CONNECTORS	NL4 x1, +1 −1	NL4 x1, +1 −1
HIGHLIGHTED FEATURES	Dynamic Vocal Effect	Dynamic Vocal Effect

DFS-908



DFS-910



TROUBLESHOOTING

1. SYMPTOM: NO SOUNDS COMING OUT FROM THE SPEAKERS

Probable causes:

1. The A/C power of the speaker is turned off.

2. Wrong A/C power selection (i.e. 110V~ 220V).

Remedy:

A. Turn on the A/C power of the speaker.

B. Make sure the receiver or amplifier is on and the source is playing.

C. Check all wires and connections between receivers, amplifiers and speakers. Make sure all wires are connected, none of the speaker wires are frayed, cut or punctured, and that no wires are touching each other.

D. Review proper operation of your receiver or amplifier.

E. Choose the right A/C power.

2. SYMPTOM: NO SOUNDS COMING OUT FROM ONLY ONE SPEAKER

Probable cause:

The A/C power of the speaker is turned off.

Remedy:

A. Check the "Balance" control on your receiver or amplifier.

B. Check all wires and connections between receiver, amplifier and speaker. Make sure all wires are connected, none of the speaker wires are frayed, cut or punctured, and that no wires are touching each other.

C. In Dolby® Digital or DTS® mode, make sure that the receiver or processor is configured so that the speaker in question is enabled.

D. Turn off all electronics and switch the speaker in question with another speaker that is working correctly. Turn everything back on, and determine whether the problem is in the same place: i.e., the speaker that was working previously now has no sound and the speaker that was not working now sounds fine. If the problem is in the same place, the source of the problem is most likely with your receiver or amplifier, and you should consult the owner's manual for further information. If the problem is with the speaker, consult your dealer for further assistance, or visit our web site for technical support.

3. SYMPTOM: NOISES FROM THE SPEAKER.

Probable cause:

The A/C power cord of the speaker is not grounded.

Remedy:

Change a new magnet cord of the A/C power cord.

4. SYMPTOM: MICROPHONE VOLUME IS TOO LOW.

Probable causes:

A. The microphone is poorly connected to the speaker.

B. The volume on the speaker is too low.

Remedy:

A. Check the connection between the microphone and the speaker. Make sure that they are connected properly. Condense microphone doesn't work with the speaker. You may need to change to a dynamic vocal microphone.

B. Turn the volume to an appropriate level. If the volume is still not high enough, you may need to upgrade your existing audio system to a system with much higher output.

5. SYMPTOM: CRACKING NOISES FROM THE SPEAKER.

Probable cause:

The tweeter may be burned out.

Remedy:

Replace with a new tweeter.

Note: we recommend hiring a professional to change a tweeter in order to do it properly.

6. SYMPTOM: SOUNDS LIKE DAZZ, DAZZ, DAZZ ..... COMING FROM THE SPEAKER.

Probable cause:

The speaker cable (with small gauges) is over 100 feet.

Remedy:

Change to a higher quality cable preferably 12 and 14 gauges.

7. SYMPTOM: TOO MUCH MICROPHONE FEEDBACK FROM THE SPEAKER.

Probable cause:

Incorrect tremble and bass adjustments on the speaker.

Remedy:

Adjust the tremble and bass to an appropriate level to avoid microphone feedback.

8. SYMPTOM: NO SOUND FROM THE MAIN SPEAKERS

Probable cause:

Speaker connectors are not connected properly.

Remedy:

Please make sure that the speaker connectors are locked tight. Please also note that there are two groups of speakon connectors (i.e. Group 1 +1, –1, Group 2 +2, –2). Make sure that your speakers have the multifunction that enables the connection to Group 2 for different signal inputs. The basic connection is on Group 1 (+1, –1).

9. SYMPTOM: SOMETIMES THE SPEAKERS HAVE NO SOUND.

Probable cause:

When the master volume reaches the maximum level, the speaker automatically shuts down because this speaker has a built-in auto circuit to protect itself when the master volume becomes too high.

Remedy:

Change to a higher power amplifier to work with the speakers. Please make sure the output power of the amplifier can match that of the speakers. Another option is to add more speakers or subwoofers for higher output as below.

1. Add one more loudspeaker.

2. Add one more powered subwoofer.

We highly recommend hiring an audio professional for advise on the right engineering for the amplifier and speakers.

FINAL WORDS TO USER

The engineering team of Better Music Builder has many years of experience in audio equipment design. The team constantly develops new audio technologies, designs innovative audio and karaoke equipment to suit your specific needs and provides you great ideas for home entertainment.

Our engineering team also designs audio equipments for commercial use by restaurants, coffee shops, churches, and school auditoriums, etc. If the commercial area for audio equipment installation exceeds 2,000 square feet, we highly recommend hiring audio professionals to handle the installation to avoid damaging the equipment with improper installation and safety protection purposes.

We also provide educational and technical information on audio equipments and technologies. For example, we provide free installation diagrams to make it easier to connect the system. In addition, to get best connections for the sharpest image and sound quality, we provide hot tip for choosing high quality A/V cables. Free information on audio equipments and technologies is available for download on our website, www.BetterMusicBuilder.com.

Please do not remove the "Yellow Label" in the rear of the machine; otherwise, the warranty will be void automatically. We design it to protect your own safety. If repair and maintenance service is needed, please contact us directly or hire a professional technician. To learn more about the technical aspects, visit our website www.BetterMusicBuilder.com and download relevant information for review.

Before hooking up the system, turn off the AC powers on all machines including audio/video equipment and TV. Otherwise, it may damage the equipment, especially on the HDTV in which a spot might appeared on the TV screen. After hooking up the system, double check the audio/video connections to ensure that they are connected correctly.

NOTE Sometimes, loose or poor cable quality would affect the microphone effects, picture quality, or even cause the machine to shut down suddenly.

Again, we must thank you for choosing a Better Music Builder product. We hope you can make the best use of the machine and enjoy it for years to come. If you have any questions regarding our product, please feel free to contact us at www.BetterMusicBuilder.com.

WARRANTY

ONE-YEAR LIMITED WARRANTY FOR HOME USE EQUIPMENT

Our one-year warranty covers both parts and labors. The warranty becomes effective from the date of your purchase for one year.

Our warranty only covers defects due to product defectiveness with free of defects in materials or workmanship. However, our warranty does not cover defects due to normal wears, damage in transit, improper use, abuse or failure to follow the proper instructions for maintenance. This warranty is void in the event of unauthorized repairs, alternations, modifications and removing of the product label.

Please also note that our warranty does not cover any shipping cost for the return of defective products to us for inspection, repair and maintenance. Our warranty for Better Music Builder products can only be executed in North America.

90-DAY LIMITED WARRANTY FOR PUBLIC AND COMMERCIAL USE EQUIPMENT

Our 90-day warranty applies to speakers, amplifiers, mixers and microphones for both public and commercial use such as restaurant, coffee shop, KTV nightclub, church and school, etc. It covers both parts and labors. The warranty becomes effective from the date of your purchase for 90 days.

Our warranty only covers defects due to product defectiveness with free of defects in materials or workmanship. However, our warranty does not cover defects due to normal wears, damage in transit, improper use, abuse or failure to follow the proper instructions for maintenance. This warranty is void in the event of unauthorized repairs, alternations, modifications and removing of the product label.

Please also note that our warranty does not cover any shipping cost for the return of defective products to us for inspection, repair and maintenance. Our warranty for Better Music Builder products can only be executed in North America.

ADDITIONAL NOTES:

1. Limited warranty for home use equipment is only valid in North America.

2. Limited warranty is valid only if you purchase our products from our authorized dealers (including both regular retailers and online retailers) in North America. If you choose to purchase our products from an authorized dealer, we will not provide any limited product warranty for you. To protect your limited product warranty, please purchase our products from one of our authorized dealers in North America near you.

3. Limited warranty is automatically void if the yellow label stating "No Warranty After Opening" is removed from the product.

TO REGISTER YOUR WARRANTY

Please fill out the warranty card that came with your unit, download or submit online warranty form. However, we need the invoice for your purchase in order to process this warranty. You may also register your warranty online.
Please visit our website at www.bettermusicbuilder.com.

AGENCY REGULATORY NOTICES

Federal Communications Commission Notice

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not approved may void the user's authority to operate the equipment.

Cables

Connections to this device must be made with shielded cables with metallic RFI/EMI connector hoods to maintain compliance with FCC rules and regulations.

Materials Disposal

Disposal of this material can be regulated because of environmental considerations. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance (EIA) (http://www.eiae.org).

Disposal Of Waste Equipment By Users In Private Households In The European Union

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Japanese Notice

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取扱説明書に従って正しい取り扱いをして下さい。

Japanese Power Cord Notice

製品には、同梱された電源コードをお使い下さい。
同梱された電源コードは、他の製品では使用出来ません。

Japanese Material Content Declaration

A Japanese regulatory requirement, defined by Specification JIS-C-0950, 2005, mandates that manufacturers provide Material Content Declarations for certain categories of electronic products offered for sale after July 1, 2006.

Korean Notice

B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Recycling Program

The terms and availability of these programs vary by geography because of differences in regulatory requirements and local customer demand.

因为在当地的监管要求和客户的需求，这些条件和程序的情况不同。

CONTACT INFORMATION

MAILING ADDRESS

BETTER MUSIC BUILDER
29300 Kohoutek Way #150
Union City, CA 94587
U.S.A.

TELEPHONE NUMBERS

USA Region
USA Toll Free: 1-800-318-2218
Sales & Marketing: 510-477-9955
Customer Service: 510-477-9955

FAX NUMBERS

USA Region
Sales & Marketing: 510-477-9922
Customer Service: 510-477-9922

WORLD WIDE WEB

E-mail: sales@bettermusicbuilder.com
Website: www.bettermusicbuilder.com

MAINTENANCE

With proper maintenance and regular service, it would maintain the machine quality and prolong its life. We recommend you to print the following information clearly for future reference on maintenance and warranty.

MODEL#_____ DATE PURCHASED (MM/DD/YYYY)_____.

DEALER NAME_____ CITY_____ ST./PROV._____ ZIP/P.C._____.

DEALER WEBSITE http://www._____ INVOICE #_____

DEALER PHONE #_____ DEALER E-MAIL_____

MAINTENANCE

NOTE

Better Music Builder®.com

Passionate about Music

Thank you for purchasing this unit. To make full and effective use of this unit, please read this Owner's Manual carefully before operating it. Please retain this manual for future reference.

3 6 0 1 3 0 8 0 6 7 9 0

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